SIEMENS

Data sheet for SIMOTICS S-1FK2

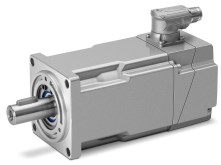


Figure similar

MLFB-Ordering data **1FK2206-4AF01-0MB0**

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Basic motor data

Motor type	Permanent-magnet synchronous motor, Natural cooling, IP65
Motor type	Compact
Static torque	12.00 Nm
Static current	7.9 A
Maximum torque	36.00 Nm
Maximum current	29.5 A
Maximum speed	5800 rpm
Rotor moment of inertia	15.100 kgcm²
Weight	8.9 kg

Rated data

SINAMICS S120, BLM/SLM 3AC 400V

Rated speed	3000 rpm
Rated torque	9.10 Nm
Rated current	6.2 A
Rated power	2.85 kW

Encoder system

Encoder system	Encoder AM22DQC: Absolute encoder 22 bit + 12 bit multiturn

Motor connection

Connection type	Double cable connection for S120
Connector size	M23

Mechanical data

Design acc. to Code I	IM B5 (IM V1, IM V3)
Vibration severity grade	Grade A
Shaft height	63
Flange size (AB)	125 mm
Centering ring (N)	110 mm
Hole circle (M)	130 mm
Screw-on hole (S)	9.0 mm
Overall length (LB)	193 mm
Diameter of shaft (D)	24 mm
Length of shaft (E)	50 mm
Length of flange diagonal (P)	158 mm
Shaft extension	Plain shaft

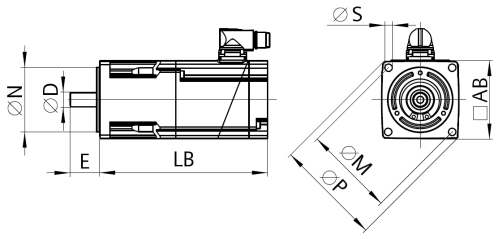


Figure similar

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